



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

Following the survey in 1914, additional work was done, the cost of which was as follows:

During 1914:

Labor.....	\$139.50
Oil.....	50.00
Ditching.....	450.00
Miscellaneous.....	86.00
<hr/>	
Total.....	725.50

For the year 1915 the cost was:

Labor for draining and filling.....	\$126.80
Oil.....	10.00
Miscellaneous.....	7.00
<hr/>	
Total.....	143.80

Results of antimalarial measures.—The number of cases for the last four months of 1913 were 44, as compared with 144 for the same period of the previous year, 1912. For 1914 the number was 40 per cent less than for the year 1913; and for the year 1915, 17.6 per cent less than for the year 1914.

Blood examinations gave for May, 1914, May being the beginning of the malarial season, 11.76 per cent carriers of the parasite, and for April, 1915, 3.79 per cent, a reduction in the incidence of carriers of 67.7 per cent in the one year.

Mr. Hughes, the manager of the lumber mills, stated recently that no family had moved from Electric Mills during the year 1915; that the superintendent of schools reported the average attendance as unusually good; that the people were happy and healthy; that the labor efficiency was most satisfactory; and that these conditions were only to be attributed to the sanitation directed against typhoid and malarial fevers.

Credit is due to Dr. Cecil Champenois in carrying out the measures known to be effective in the control of these diseases.

PLAQUE-PREVENTION WORK.

CALIFORNIA.

The following report of plague-prevention work in California for the week ended February 19, 1916, was received from Surg. Boggess, of the United States Public Health Service, in charge of the work.

SAN FRANCISCO, CAL.

RAT PROOFING.

New buildings:		SAN FRANCISCO, CAL.—Continued.	
Inspections of work under construction.	184	Vessels inspected for rat guards.	21
Basements concreted (square feet, 48,760).	51	Reinspections made on vessels.	19
Floors concreted (square feet, 199,430).	34	New rat guards procured.	5
Yards, passageways, etc. (square feet, 26,993).	97	Defective rat guards repaired.	4
Total area of concrete laid (square feet).	275,183	Rats trapped on wharves and water front.	26
Class A, B, and C (fireproof) buildings:		Rats trapped on vessels.	40
Inspections made.	103	Traps set on wharves and water front.	183
Roof and basement ventilators, etc., screened.	299	Traps set on vessels.	41
Wire screening used (square feet).	1,478	Vessels trapped on.	14
Openings around pipes, etc., closed with cement.	329	Poisons placed on water front (pieces).	3,600
Sidewalk lens lights replaced.	600	Poisons placed within Panama-Pacific International Exposition grounds.	38,000
Old buildings:		Bait used on water front and vessels (bacon, pounds).	6
Inspections made.	402	Bread used in poisoning water front (loaves).	9
Wooden floors removed.	34	Poison used on water front (pounds).	3
Cubic feet new foundation walls installed.	4,280	RATS COLLECTED AND EXAMINED FOR PLAGUE.	
Concrete floors installed (square feet, 15,894).	20	San Francisco:	
Basements concreted (square feet, 6,403).	11	Collected.	386
Yards and passageways, etc., concreted (square feet, 5,380).	27	Examined.	312
Total area concrete laid (square feet).	27,636	Found infected.	None.
Floors rat proofed with wire cloth (square feet, 7,220).	7	Ullister:	
Buildings razed.	17	Collected.	2
New garbage cans stamped approved.	375	Examined.	2
Nuisances abated.	243	Found infected.	None.
RATS IDENTIFIED.			
Mus norvegicus.			
Mus rattus.			
Mus alexandrinus.			
Mus musculus.			

Operations are being carried on on lands owned by the People's Water Co. as follows:

Contra Costa County tract.	Acres treated.		Material used.		
	Kilmol.	Grain.	Kilmol.	Grain.	Waste balls.
M. Hopkins.	110		29		1,581
Fortier.		350		300	

RECORD OF PLAGUE INFECTION.

Places in California.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number rodents found infected since May, 1907.
Cities:				
San Francisco.	Jan. 30, 1908	Oct. 23, 1908	(1)	398 rats.
Oakland.	Aug. 9, 1911	Dec. 1, 1908	(1)	126 rats.
Berkeley.	Aug. 28, 1907	(1)	(1)	None.
Los Angeles.	Aug. 11, 1908	(1)	Aug. 21, 1908	1 squirrel.
Counties:				
Alameda (exclusive of Oakland and Berkeley).	Sept. 24, 1909	Oct. 17, 1909 ²	July 12, 1915	237 squirrels, 1 wood rat.
Contra Costa.	July 13, 1915	(1)	Nov. 12, 1915	1,597 squirrels.
Fresno.	(1)	(1)	Oct. 27, 1911	1 squirrel.
Merced.	(1)	(1)	July 12, 1911	5 squirrels.
Monterey.	(1)	(1)	Apr. 10, 1914	6 squirrels.
San Benito.	June 4, 1913	(1)	Aug. 14, 1915	50 squirrels.
San Joaquin.	Sept. 18, 1911	(1)	Aug. 26, 1911	18 squirrels.
San Luis Obispo.	(1)	(1)	Jan. 29, 1910	1 squirrel.
Santa Clara.	Aug. 31, 1910	(1)	July 23, 1913	25 squirrels.
Santa Cruz.	(1)	(1)	May 17, 1910	3 squirrels.
Stanislaus.	(1)	(1)	June 2, 1911	13 squirrels.

¹ None.² Wood rat.

The work is being carried on in the following-named counties: Alameda, Contra Costa, San Francisco, Stanislaus, San Benito, Monterey, Lassen, and Modoc.

March 10, 1916

WASHINGTON—SEATTLE—PLAQUE ERADICATION.

The following report of plague-eradication work at Seattle for the week ended February 12, 1916, was received from Surg. Lloyd, of the United States Public Health Service, in charge of the work:

RAT PROOFING.		WATER FRONT.	
New buildings inspected.....	9	Vessels inspected and histories recorded.....	12
New buildings reinspected.....	22	Vessels fumigated.....	1
New buildings re-inspected (concrete foundations).....	29	Sulphur used, pounds.....	1,100
New buildings elevated.....	2	New rat guards installed.....	16
Buildings razed.....	2	Defective rat guards repaired.....	9
LABORATORY AND RODENT OPERATIONS.		Fumigation certificates issued.....	1
Dead rodents received.....	16	Port sanitary statements issued.....	34
Rodents trapped and killed.....	261	The usual day and night patrol was maintained to enforce rat guarding and fending.	
Rodents recovered after fumigation.....	12	MISCELLANEOUS WORK.	
Total.....	289	Rat-proofing notices sent to contractors, new buildings.....	6
Rodents examined for plague infection.....	185	Letters sent in re rat complaints.....	2
Bodies examined for plague infection.....	8	Lectures on sanitary measures.....	2
CLASSIFICATION OF RODENTS.		New restaurants inspected.....	10
Mus rattus.....	7	RODENTS EXAMINED IN EVERETT.	
Mus alexandrinus.....	51	Mus norvegicus trapped.....	32
Mus norvegicus.....	149	Mus norvegicus found dead.....	1
Mus musculus.....	70	Mus musculus trapped.....	1
Unclassified.....	12	Total.....	34
		Rodents examined for plague infection.....	34
		Rodents proven plague infected.....	None.

HAWAII—PLAQUE PREVENTION.

The following reports of plague-prevention work in Hawaii were received from Surg. Trotter, of the United States Public Health Service:

Honolulu.

WEEK ENDED FEB. 12, 1916.

Total rats and mongoose taken.....	373	Classification of rats killed by sulphur dioxide:	
Rats trapped.....	358	Mus rattus.....	9
Mongoose trapped.....	6	Average number of traps set daily.....	894
Rats killed by sulphur dioxide.....	9	Cost per rat destroyed, 2½ cents.	
Examined microscopically.....	316	Last case rat plague, Aiea, 9 miles from Honolulu, Apr. 12, 1910.	
Showing plague infection.....	None.	Last case human plague, Honolulu, July 12, 1910.	
Classification of rats trapped:		Last case rat plague, Paauhau, Hawaii, Jan. 18, 1916.	
Mus alexandrinus.....	163	Last case human plague, Paauhau plantation, Hawaii, Dec. 16, 1915.	
Mus musculus.....	67		
Mus norvegicus.....	109		
Mus rattus.....	19		

Hilo.

WEEK ENDED JAN. 29, 1916.

Rats and mongoose taken.....	2,735	Classification of rats trapped and found dead—Continued.	
Rats trapped.....	2,692	Mus rattus.....	829
Mongoose taken.....	43	Mus musculus.....	1,015
Rats and mongoose examined microscopically.....	2,735	Last case of rat plague, Paauhau Sugar Co., Jan. 18, 1916.	
Rats and mongoose plague infected.....	None.	Last case of human plague, Taaiahu Sugar Co., Dec. 16, 1915.	
Classification of rats trapped and found dead:			
Mus norvegicus.....	416		
Mus alexandrinus.....	432		